

# **XP-002150848**

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IN - LIU X; MA L; WANG X

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PA - (CHAN-N) CHANGCHUN PHYSICS INST CHINESE ACAD SCI

PN - CN1254747 A 20000531 DW200046 C09K11/77 000pp

PR - CN19980124953 19981123

XA - C2000-152052

XIC - C09K-011/77

AB - CN1254747 A green fluorescent body of rare-earth garnet with cubic structure has a main component of Y-Al-Ga garnet activated by activator containing Tb and Ce. Less trivalent rare-earth and Sc ions can respectively replace Y and Al (Ga) ions. Said green fluorescent body is prepared through proportional mixing the relative rare-earth oxide or the oxide of co-precipitant after decomposed with alumina and gallium oxide and high-temp solid-phase reaction. Said fluorescent body features stable performance, high luminous efficiency and high electron bombard resistance, and is especially suitable for CRT.

- (Dwg.0)

IW - GREEN FLUORESCENT BODY RARE EARTH GARNET PREPARATION

IKW - GREEN FLUORESCENT BODY RARE EARTH GARNET PREPARATION

INW - LIU X; MA L; WANG X

NC - 001

OPD - 1998-11-23

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PAW - (CHAN-N) CHANGCHUN PHYSICS INST CHINESE ACAD SCI

TI - Green fluorescent body of rare-earth and garnet and its preparation